PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220	
ILLINC.129VP	ACTION	as well	as, where applicable, item 5 below.	·
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)	ż
PCT/US2009/044260	15/05/2009		15/05/2008	
Applicant				
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ILLUMINA, INC.	·			
This international search report has been according to Article 18. A copy is being tra			rity and is transmitted to the applicant	
This international search report consists of	f a total of she	ets.		٠
X It is also accompanied by	a copy of each prior art document of	cited in this	report.	
1. Basis of the report				
a. With regard to the language, the	international search was carried out	on the bas	sis of:	
	pplication in the language in which			
	e international application into rnished for the purposes of internati			
	report has been established taking i o this Authority under Rule 91 (Rule		t the rectification of an obvious mistake	
c. X With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No.	. I.
2. Certain claims were fou	nd unsearchable (See Box No. II)			
3. Unity of invention is lac	king (see Box No III)			
4. With regard to the title,				٠
X the text is approved as su	bmitted by the applicant			
the text has been establis	hed by this Authority to read as folio	ows:		
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5. With regard to the abstract,				
X the text is approved as su	bmitted by the applicant			
			y as it appears in Box No. IV. The applicant	
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6. With regard to the drawings,	ublished with the state of the second	NI- 0	•	
a. the figure of the drawings to be p		NO. <u>2</u>		
X as suggested by the	ne applicant s Authority, because the applicant f	ailed to suc	nest a figure	
	s Authority, because the applicant is s Authority, because this figure bett	_	· · · · · · · · · · · · · · · · · · ·	
	e published with the abstract	J. 01121000		

International application No.

PCT/US2009/044260

Вох	No. I	Nt	ucleotide and/or an	nino acid sequen	nce(s) (Continuation of i	tem 1.b of the first st	neet)
1.	With	regard	to any nucleotide and/ ne international search	or amino acid seque was carried out on t	ence disclosed in the internathe basis of:	tional application and nec	essary to the claimed
	a.	type o	f material	en transfer of the second			
		х	a sequence listing				
			table(s) related to the	sequence listing	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	
	b.	·	t of material				•
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		X	in electronic form		\$11		
	c.	time of	f filing/furnishing				
		х	contained in the inter	national application	as filed		
		X	filed together with the	e international applic	cation in electronic form		
			furnished subsequen	tly to this Authority f	for the purpose of search	•	en de la companya de
2.		or fu	urnished, the required s	statements that the i	sion or copy of a sequence li nformation in the subsequen application as filed, as appro	nt or additional copies is id	thereto has been filed lentical to that in the
3.	Addi	tional co	omments:			;	· .
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International application No PCT/US2009/044260

A. CLASSIFICATION OF SUBJECT MATTER
INV. C12N9/02 C12Q1/66 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, CHEM ABS Data, FSTA, Sequence Search

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·	1
Category*	Citation of document, with indication, where appropriate, of the	he relevant passages	Relevant to claim No.
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X Furti	her documents are listed in the continuation of Box C.	X See patent family annex.	
A* docume consic E* earlier of filing of the citation O* docume other of the citation of the c	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	'T' later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention 'X' document of particular relevance; the cannot be considered novel or cannor involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious the art. '&' document member of the same patent	the application but early underlying the claimed invention to econsidered to comment is taken alone claimed invention ventive step when the ore other such docuus to a person skilled
	actual completion of the international search July 2009	Date of mailing of the international sea	arch report
lame and r	mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Deleu, Laurent	

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